

Title (en)  
WATER-DISPERSIBLE DIRECT THERMAL OR INKJET PRINTABLE MEDIA

Title (de)  
WASSERDISPERGIERBARE DIREKTE THERMISCHE ODER TINTENSTRAHLBEDRUCKBARE MEDIEN

Title (fr)  
SUPPORT IMPRIMABLE À JET D'ENCRE OU DIRECT THERMIQUE HYDRODISPERSABLE

Publication  
**EP 4061642 A1 20220928 (EN)**

Application  
**EP 20825324 A 20201120**

Priority  
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Abstract (en)  
[origin: US2021155027A1] Dispersible record materials or media include a water-soluble or water-dispersible paper substrate, a printable layer carried by the substrate, and a base coat between the substrate and the printable layer. The printable layer may be a thermally responsive layer, e.g. containing a leuco dye and an acidic color developer, or an inkjet receptive layer. The binder material used in the base coat, and the base coat itself, are non-water-soluble, but nevertheless tailored in such a way that the record material as a whole is water-dispersible, i.e., it breaks apart under the influence of water with minimal agitation. The binder material of the base coat is preferably a non-resinous binder, a particulate binder, and/or a binder derived from a dispersion, such as latex. Use of such a binder material in a carefully selected concentration, with other elements, provides a base coat that allows for high quality images to be thermally printed at high print speeds on the thermally responsive layer.

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